

## **ABSTRACT OF THE INVENTION**

[0053] The invention provides a system and method for compensating for timing violations of a multiplex of at least two streams of media packets. The method includes the steps of: receiving the multiplex; associating a transmitter timing information to media packets; whereas the multiple media packet streams are associated to different time bases; transmitting the media packets and the associated transmitter timing information over a timing violation inducing communication channel to a receiver; receiving, by the receiver, the transmitter timing information and the media packets; providing at least one timing violation compensated stream of media packets in response to the transmitter timing information.